

RAW SEQUENCE LISTING

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Application Serial Number: 10/520,065
Source: PCT
Date Processed by STIC: 01/10/2006

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RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/520,065

TIME: 08:17:35

Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\01102006\J520065.raw

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3 <110> APPLICANT: Evotec NeuroSciences GmbH
4     Von der Kammer, Heinz
5     Pohlner, Johannes
7 <120> TITLE OF INVENTION: Diagnostic and therapeutic use of TB2 gene and protein
8     for neurodegenerative diseases
10 <130> FILE REFERENCE: 2335.0040001
12 <140> CURRENT APPLICATION NUMBER: 10/520,065
C--> 13 <141> CURRENT FILING DATE: 2005-01-05
15 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/007173
16 <151> PRIOR FILING DATE: 2003-07-04
18 <160> NUMBER OF SEQ ID NOS: 14
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 185
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 Met Arg Glu Arg Phe Asp Arg Phe Leu His Glu Lys Asn Cys Met Thr
29   1           5           10           15
31 Asp Leu Leu Ala Lys Leu Glu Ala Lys Thr Gly Val Asn Arg Ser Phe
32           20           25           30
34 Ile Ala Leu Gly Val Ile Gly Leu Val Ala Leu Tyr Leu Val Phe Gly
35           35           40           45
37 Tyr Gly Ala Ser Leu Leu Cys Asn Leu Ile Phe Gly Gly Tyr Pro Ala
38           50           55           60
40 Tyr Ile Ser Ile Lys Ala Ile Glu Ser Pro Asn Lys Glu Asp Asp Thr
41           65           70           75           80
43 Gln Trp Leu Thr Tyr Trp Val Val Tyr Gly Val Phe Ser Ile Ala Glu
44           85           90           95
46 Phe Phe Ser Asp Ile Phe Leu Ser Trp Phe Pro Phe Tyr Tyr Met Leu
47           100          105          110
49 Lys Cys Gly Phe Leu Leu Trp Cys Met Ala Pro Ser Pro Ser Asn Gly
50           115          120          125
52 Ala Glu Leu Leu Tyr Lys Arg Ile Ile Arg Pro Phe Phe Leu Lys His
53           130          135          140
55 Glu Ser Gln Met Asp Ser Val Val Lys Asp Leu Lys Asp Lys Ser Lys
56           145          150          155          160
58 Glu Thr Ala Asp Ala Ile Thr Lys Glu Ala Lys Lys Ala Thr Val Asn
59           165          170          175
61 Leu Leu Gly Glu Glu Lys Lys Ser Thr
62           180          185
65 <210> SEQ ID NO: 2
66 <211> LENGTH: 461

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67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:nucleotide
72     sequence of a human TB2 cDNA fragment
74 <400> SEQUENCE: 2
75 acctgggtggt cggttatggg gcctctctcc tctgcaacct gataggattt ggctacccag 60
76 cctacatctc aattaaagct atagagagtc ccaacaaaga agatgatacc cagtggctga 120
77 cctactgggt agtgtatggg gtgttcagca ttgctgaatt cttctctgat atcttcctgt 180
78 catggttccc cttctactac atgctgaagt gtggcttcct gttgtgggtc atggccccga 240
79 gccttctaata ggggctgaac tgctctacaa gcgcatcatc cggcctttct tcctgaagca 300
80 cgagtcccag atggacagtg tggtaagga ccttaaagac aaggccaaag agactgcaga 360
81 tgccatcact aaagaagcga agaaagctac cgtgaattta ctgggtgaag aaaagaagag 420
82 cacctaaacc agactggatg gaaacttcct gccctctctg t 461
85 <210> SEQ ID NO: 3
86 <211> LENGTH: 21
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
92     human TB2 gene
94 <400> SEQUENCE: 3
95 cgagtcccag atggacagtg t 21
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 22
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
105     human TB2 gene
107 <400> SEQUENCE: 4
108 gtgatggcat ctgcagtctc tt 22
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 20
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
118     human cyclophilin B gene
120 <400> SEQUENCE: 5
121 actgaagcac tacgggcctg 20
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 19
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
131     human cyclophilin B gene
133 <400> SEQUENCE: 6

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134 agccgttggt gtctttgcc                                19
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 20
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
144     human ribosomal protein S9 gene
146 <400> SEQUENCE: 7
147 ggtcaaattt accctggcca                                20
150 <210> SEQ ID NO: 8
151 <211> LENGTH: 22
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
157     human ribosomal protein S9 gene
159 <400> SEQUENCE: 8
160 tctcatcaag cgtcagcagt tc                                22
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 19
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
170     human beta-actin gene
172 <400> SEQUENCE: 9
173 tggaacggtg aaggtgaca                                19
176 <210> SEQ ID NO: 10
177 <211> LENGTH: 19
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
183     human beta-actin gene
185 <400> SEQUENCE: 10
186 ggcaagggac ttcctgtaa                                19
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 20
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
196     human GAPDH gene
198 <400> SEQUENCE: 11
199 cgtcatgggt gtgaaccatg                                20
202 <210> SEQ ID NO: 12
203 <211> LENGTH: 21
204 <212> TYPE: DNA

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205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
209     human GAPDH gene
211 <400> SEQUENCE: 12
212 gctaagcagt tgggtggtgca g                                21
215 <210> SEQ ID NO: 13
216 <211> LENGTH: 21
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
222     human transferrin receptor TRR gene
224 <400> SEQUENCE: 13
225 gtcgctgggc agttcgtgat t                                21
228 <210> SEQ ID NO: 14
229 <211> LENGTH: 23
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
235     human transferrin receptor TRR gene
237 <400> SEQUENCE: 14
238 agcagttggc tgttgtacct ctc                                23

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VERIFICATION SUMMARY

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date